

REMARKS

This paper accompanies a Request for Continued Examination (RCE) and is responsive to the Final Rejection issued April 26, 2010 and the Interview Summary mailed July 2, 2010. Reconsideration and allowance of claims 1-4, 6-10, 12, 13, 15-29, 31 and 33-35 are requested.

Interview Summary

The applicant expresses appreciation to Examiner Kevin Joyner for the kind courtesy of a Telephone Interview on June 30, 2010. During the Interview, various ways of amending the claims to place them in condition for allowance were discussed. Examiner Joyner suggested that he might be favorably disposed to an independent claim based on the combination of claim 1, claim 14 which sets forth dynamic flow modeling, and additional subject matter from paragraph [0049] of the published application (the paragraph starting at page 13, line 6 of the specification as filed). Examiner Joyner indicated that the proposed amendment would need to be filed with a Request for Continued Examination (RCE) and that further searching and/or consideration would be required.

The Present Amendment

Claim 1 has been amended to incorporate the subject matter of claim 14 and subject matter from paragraphs [0049]-[0051] of the published application. Claims which still properly depend from claim 1 have been retained. Claim 14 has been cancelled.

The applicants have also amended independent claims 19 and 29 such that both call for flow dynamics modeling and subject matter from paragraphs [0049]-[0051] presented with varying degrees of breadth.

Independent claims 11 and 30 have been cancelled.

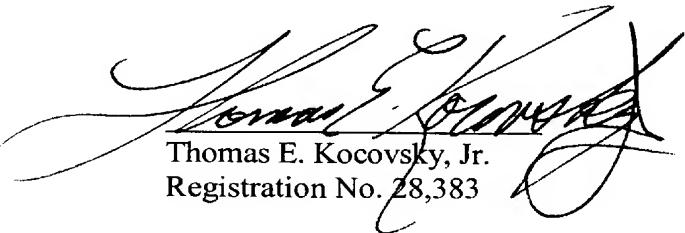
Because neither McVey nor Wasinger disclose flow dynamics modeling, it is submitted that claims 1, 19, and 29 and claims 2-4, 6-10, 12-18, 20-28, 31, and 33-35 dependent therefrom now distinguish patentably and unobviously over the references of record.

CONCLUSION

For the reasons set forth above, it is submitted that claims 1-4, 6-10, 12, 13, 15-29, 31 and 33-35 distinguish patentably and unobviously over the references of record. An early allowance of all claims is requested.

In the event the Examiner considers personal contact advantageous to the disposition of this case, the Examiner is requested to telephone Thomas Kocovsky at 216.363.9000.

Respectfully submitted,



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